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REC'D	28	JUL	2004
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	<u> </u>				
PCT 21231Y	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)			
International application No.	International filing date (day/mor	nth/year) Priority date (day/month/year)			
PCT/US03/32405	14 October 2003 (14.10.2003)	18 October 2002 (18.10.2002)			
International Patent Classification (IPC)	or national classification and IPC	10 000001 2002 (16.10.2002)			
IPC(7): A61K 31/535, 31/40, 31/415, 31/44; C07D 265/30, 207/02, 403/02, 401/00; A61P 43/00 and US Cl.: 548/314.7, 538; 546/279.1; 514/340, 397, 423.					
Applicant					
MERCK & CO., INC.					
 This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 					
2. This REPORT consists of	2. This REPORT consists of a total of <u>S</u> sheets, including this cover sheet.				
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).					
These annexes consist of a total of sheets.					
3. This report contains indications relating to the following items:					
I Basis of the report					
II Priority					
III Non-establishmer	at of report with regard to nove	elty, inventive step and industrial applicability			
IV Lack of unity of					
2	ent under Article 35(2) with regations and explanations supporti	gard to novelty, inventive step or industrial			
VI Certain documen		and statement			
[——]					
_	Continuation application				
VIII Certain observations on the international application					
Date of submission of the demand Date of completion of this report					
	of completion of this report				
23 March 2004 (23.03.2004)		e 2004 (29.06.2004)			
Name and mailing address of the IPEA/US		ized officer			
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents					
P.O. Box 1450 Alexandria, Virginia 223 13-1450	Robert	V. NOVERS YOU			
Facsimile No. (703) 872-9306		one No. (571) 272-1600			
m PCT/IPEA/409 (cover sheet)(July 1998)					

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US03/32405	

	I. Basis of the report				
	1. With regard to the elements of the international application: *				
	the international application as originally filed.				
	the description:				
	ĺ	لكسكا	pages 1-139 as originally fi	~d	
			pages NONE, filed with the	demand en	
			pages NONE , filed with the	letter of	
		\boxtimes	the claims:	•	
			pages 140-176 , as originally	filed	
			pages NONE, as amended (ogether with any statement) under Article 10	
- [pages MONE, med with the	demand	
		\Box	pages NONE , filed with the	letter of	
- 1		Ш	the drawings:		
			pages NONE , as originally to pages NONE , filed with the	iled	
			pages NONE , filed with the pages NONE , filed with the	demand	
-					
1			the sequence listing part of the descrip pages 1, as originally filed	ion;	
1			pages NONE , filed with the	demand.	
			pages NONE . filed with the	etter of	
	2.	With	regard to the language, all the elemen	a marked above were all the	
]	angu	lage in which the international application	on was filed, unless otherwise indicated under this item.	
1	i		The available of furnished	o this Authority in the following language which is:	
1	ļ	_ '	the language of a translation furnished	for the purposes of international search (under Rule23.1(b)).	
	ļ	'	the language of publication of the intern	national application (under Rule 48.3(b)).	
	l		the language of the translation furnished	for the purposes of international preliminary examination(under Rules	
1	_			· ·	
1	۶. ۰۱ ند	With	regard to any nucleotide and/or amin	acid sequence disclosed in the international application, the	
	ıı N	_	1 y minimum was ca	the out on the basis of the sequence listing:	
		싘 '	contained in the international application	in printed form.	
	Ļ	즥 f	filed together with the international app	ication in computer readable form.	
	Ļ	_ f	furnished subsequently to this Authority	in written form.	
	Ļ	f	furnished subsequently to this Authority	in computer readable form	
l	L	_] 7	The statement that the subsequently furn	ished written sequence listing does not go beyond the disclosure in the	
	_	iı	international application as filed has bee	n furnished.	
l					
		h	has been furnished.	ded in computer readable form is identical to the written sequence listing	
4	. D	√ т	The amendments have resulted in the car		
				icenation of:	
			the description, pages N/A		
		2	the claims, Nos. N/A		
		_ 2	the drawings, sheets/fig N/A		
5.] Ti		O the emendments had any	
		be	eyond the disclosure as filed, as indicated in	f) the amendments had not been made, since they have been considered to go the Supplemental Roy (Rule 70 260) **	
Acquatement sheets which have been firmished to the manifely acc.					
**	s re Am	port a reni	as "originally filed" and are not annexed to	receiving Office in response to an invitation under Article 14 are referred to in this report since they do not contain amendments (Rules 70.16 and 70.17).	
		p.u	sites containing such amendments	mus report since they do not contain amendments (Rules 70.16 and 70.17). must be referred to under item I and annexed to this report.	
70-		70000	DEA (400 (D D (X 1 4000)		

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US03/32405

NO

v.	Reasoned statement under Rule 66.2(a) citations and explanations supporting st	(ii) with regar	d to novelty, inventive step	or industrial applicability;
1.	STATEMENT	- Date Ment		
	Novelty (N)	Claims	1-38	YBS
		Claims	NONE	NO
	Inventive Step (IS)	Claims	1-38	YBS
		Claims	NONE	NO
	Industrial Applicability (IA)	Claims	1-38	YES
		Claims	NONE	NO

2. CITATIONS AND EXPLANATIONS

Claims 1-38 meet the criteria set out in PCT Article 33(2)-(3) because the prior art does not teach or fairly suggest the claimed invention. This invention relates to a pyrrole compound of formula (I) as agents treating cancer. The closest prior art is Breslin et al. Database CAPLUS on STN, DN:307756, discloses a compound of formula (I) as agents treating cancer. The difference between prior art and instant claims is that instant compounds are pyrrole moiety, while Breslin et al. are pyrazole moiety. Suggestion for modification of above reference to obtain the instant compounds/compositions, and methods of use, has not

Claims 1-38 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

Form PCT/IPEA/409 (Box V) (July 1998)

PATENT COOPERATION TREATY

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NOTE OF INFORMAL COMMUNICATION WITH THE APPLICANT

(PCT Rule 66.6)

International application No.		Applicant's or agent's file reference		Date of informal communication	
PCT/IIS02/22/05		7.00m a.c.		(day/month/year)	
PCT/US03/32405 Applicant		PCT 21231Y		29 June 2004 (29.06.2004)	
MERCK & CO., INC.					
Chamman	Participants		Identity	authorization personally	
Communication	<u>ractopans</u>	X	checked	checked known	
by telephone	Applicant	: MERCK & CO., INC	.	\	
	\square				
personal	Agent:	David A. Muthard			
	Examiner	(s): Robert Shiao	•		
	E	(-).			
Summary of communicat	tion:				
Applicants requested for	r International Pro	eliminary Examination Rep	ort (i.e., PCT/IPE	A/409) for Chapter II examination.	
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•		•		•	
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				•	
An extension of time limit is granted (Form PCT/IPEA/427.					
A copy of this note is being sent to the applicant with Form PCT/IPEA/429.					
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 PCT/IPEA/424- 4/16 & HO 9 Authorized officer Robert Shiao A. Robert Shiao					
Name and mailing address	s of the IPEA/US	T			
Mail Stop PCT, A	ttn: IPEA/US] •	Authorized officer	4011	
Commissioner for P.O. Box 1450	Patents		Robert Shiao	7. Kelverto Los	
Alexandria, Virgii	nia 223 13-1450		Telephone No. (57	1) 272 1600	
Pacsimile No. (703) 872-9	9306		rerebiions Mo. (2)	1) 2/2-1000	
orm PCT/IPEA/428 (July	1992)			 	